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December 2, 2004

## CERTIFICATE OF MAILING 37 C.F.R. 1.8

I certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

December 2, 2004  
Date

Michael R. Krawzsenek

### MS AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/675,860 entitled "NUCLEASE INHIBITOR COCKTAIL" – by W. Antoni Kudlicki et al.*  
*Our reference: AMBI:052USC1*

Sir :

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449 and references C26-C28.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/AMBI:052USC1.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

Respectfully Submitted,

Michael R. Krawzsenek  
Reg. No. 51,898

MRK/kmv  
Encl.: as noted

25370227.1



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

W. Antoni Kudlicki *et al.*

Serial No.: 10/675,860

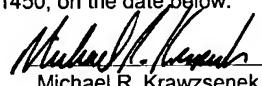
Filed: September 30, 2003

For: NUCLEASE INHIBITOR COCKTAIL

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: AMBI:052USC1

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Date	Michael R. Krawzsenek

**INFORMATION DISCLOSURE STATEMENT**

**MS AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/AMBI:052USC1.

This application is a divisional application of Serial No. 09/669,301, filed September 25, 2000, and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37 C.F.R. § 1.98(d) only copies of those documents not previously cited and submitted to the Patent and Trademark Office in prior application Serial No. 09/669,301 are enclosed for the convenience of the Examiner.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Michael R. Krawzsenek  
Reg. No. 51,898  
Attorney for Applicants

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Date: December 2, 2004

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

AMBI:052USC1

Serial No.

10/675,860

Applicant

W. Antoni Kudlicki *et al.*

Filing Date:

September 30, 2003

Group:

Unknown

U.S. Patent Documents

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Foreign Patent Documents

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Other Art

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	6,110,968	8-29-00	Bucala et al.	514	482	11-10-98

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Allewell and Sama, "The effect of ammonium sulfate on the activity of ribonuclease a," <i>Biochem. Biophys. ACTA</i> , 341:484-488, 1974.
	C2	Blackburn et al., "Ribonuclease inhibitor from human placenta: interaction with derivatives of ribonuclease A," <i>J. Biol. Chem.</i> 252:12488-12493, 1977.
	C3	Blumberg, "Creating a ribonuclease-free environment," <i>Methods Enzymol.</i> 152:20-24, 1987.
	C4	Cazenave, "Idiotypic-anti-idiotypic regulation of antibody sythesis in rabbits," <i>Proc. Natl. Acad. Sci. USA</i> , 74:5122-5125, 1977.
	C5	Chirgwin, et al., "Isolation of biologically active ribonucleic acid from sources enriched in ribonuclease," <i>Biochemistry</i> 18:5294-5299, 1979.
	C6	Chomczynski and Sacchi, "Single step method of rna isolation by acid guanidinium thiocyanate-phenol-chloroform extraction," <i>Anal. Biochem.</i> 162:156-159, 1987.
	C7	Chomczynski, "Solubilization in formamide protects rna from degradation," <i>Nucleic Acids Res.</i> 20:3791-3792, 1992.
	C8	Coburn and Mackie, "Overexpression, purification, and properties of escherichia coli ribonuclease II," <i>J. Biol. Chem.</i> 271:1048-1053, 1996.
	C9	Gilleland and Hockett Jr., "Stability of rna molecules stored in gitc," <i>Biotechniques</i> 25:944-948, 1998.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C10	Jocoli and Ronald, "Inhibition of ribonuclease activity by bentonite," <i>Can. J. Biochem.</i> 51:1558-1565, 1973.
	C11	Jones, "On the efficacy of commonly used ribonuclease inhibitors," <i>Biochem. Biophys. Res. Commun.</i> 69:469-474, 1976.
	C12	Lee <i>et al.</i> , "The use of immobilized anti-ribonuclease antibodies in the isolation of polyribosomes," <i>Immunochemistry</i> , 9:210-213, 1972.
	C13	Lin, "Inactivation of pancreatic ribonuclease with hydroxylamine-oxygen-cupric ion," <i>Biochim. et Biophys. Acta</i> 263:680-682, 1972.
	C14	Mendelsohn and Young, "Efficacy of sodium dodecyl sulfate, diethyl pyrocarbonate, proteinase k and heparin using a sensitive ribonuclease assay," <i>Biochim. et Biophys. Acta</i> 519:461-473, 1978.
	C15	Murphy <i>et al.</i> , "A potent, cost-effective rnase inhibitor," <i>Biotechniques</i> 18:1068-1073, 1995.
	C16	O'Leary, "Reducing the Impact of Endogenous Ribonucleases on Reverse Transcription-PCR Assay Systems," <i>Clinical Chemistry</i> , 45(4):449-450, 1999.
	C17	Pelham and Jackson, "An efficient mRNA dependent translation system for reticulocyte lysates," <i>Eur. J. Biochem.</i> 67:247-256, 1976.
	C18	Russo and Shapiro, "Potent inhibition of mammalian ribonucleases by 3' 5'-pyrophosphate-linked nucleotides," <i>J. Biol. Chem.</i> 274:14,902-14,908, 1999.
	C19	Sambrook, et al., "Molecular cloning, a laboratory manual," pp. 7.16-7.52, 1989.
	C20	Spackman <i>et al.</i> , "The Disulfide Bonds of Ribonuclease," <i>J. Biol. Chem.</i> 235:648-659, 1960.
	C21	Spicler and Mackie, "Action of rnase ii and polynucleotide phosphorylase against rnas containing stem-loops of defined structure," <i>J. Bacteriology</i> 182(9): 2422-2427, 2000.
	C22	Trent <i>et al.</i> , "A comparison of new world alphaviruses in the western equine encephalomyelitis complex by immunochemical and oligonucleotide fingerprint techniques," <i>J. Gen. Virol.</i> , 47:261-282, 1980.
	C23	Wolf <i>et al.</i> , "A mechanism of the irreversible inactivation of bovine pancreatic ribonuclease by diethylpyrocarbonate," <i>Eur. J. Biochem.</i> 13:519-525, 1970.
	C24	Wu, <i>et al.</i> , "Methods in Gene Biotechnology," CRC Press, Boca Raton, FL, pp. 29-56, 1997.

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Other Art

*See Page 1*

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C25	Zale and Klibanov, "Why does ribonuclease irreversibly inactivate at high temperatures?," <i>Biochemistry</i> 25:5432-5444, 1986.
	C26 ✓	Co-Pending U.S. Patent Application 10/786,875, filed February 25, 2004. (AMBI:089US)
	C27 ✓	Pending PCT Application No. PCT/US2004/005663 filed February 25, 2004. (AMBI:095WO)
	C28 ✓	Pending U.S. Provisional Application 60/547,721 filed February 25, 2004. (AMBI:096USP1)

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